HILD NO. G-70-02-16 (AMENDED)

GENERAL ORDINANCE NO. G-///- 7/

AN ORDINANCE amending the Building Code with respect to Commercial and Industrial (non-sanitary) piping systems.

BIS IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYDY

SECTION 1. Section 108.4 of Division 100 of Chapter 37
the Municipal Code of the City of Fort Wayne, Indiana, 1946, as
amended and re-codified by General Ordinance No. G-66-66, passed
by the Common Council on June 14, 1966, and approved by the Mayor
tune 15, 1966, hereinafter referred to as the Building Code,
liceby amended by adding thereto the following:

- 1.1 Permits

- done in the city in any building or other place coming within the jurisdiction of this code, except in case of repair of leaks in existing systems until a permit has been issued for the piping work proposed.
- onlawlilly Securing Permits for Others Any person ally qualified as required by this Code to supervi or perform any work governed by this Code, who shall account or secure a permit as required by this Code, work to be done by any person not qualified, not the employ of such qualified person, or, who shall have a superson to the distance of forthwith forfeit qualification status.

ertification of qualifications of a person theting a permit may be required by the Building telenor in case of doubt.

- 108.4.2 Application Before the granting of a permit, an application shall be made on the appropriate blanks as are provided for that purpose. The permit shall then be issued by the Building Department.
- 108.4.3 Expiration of Permit Every permit shall be considered void if active work is not commenced within a period of ninety days after the date of issuance of same. However, an extension may be granted by the Building Commissioner upon request. If active work on an installation has been suspended for a period of sixty days, the permit for such work shall be considered null and void.
- 108.4.4 Revocation of Permit The Piping Inspector may revoke a permit issued when there has been any false statement or misrepresentation in the application or plans on which the permit was based. The Piping Inspector may revoke a permit issued if reasonable access for inspection under this Code should be withheld from a properly authorized person."

SECTION 2. Section 109.4 of Division 100 of the Building

- Code is hereby amended by adding thereto the following:
- 109.4 COMMERCIAL AND INDUSTRIAL (NON-SANITARY) PIPING & SYSTEMS
- 109.4.1 Fees for Permit Fees for permits are listed below and will be based on the cost or value of the piping systems.
 - \$ 0.00 -\$1,000.00-----------\$3.00 \$1,000.00 -\$2,000.00---------\$5.00 Over \$2,000.00-----------------\$5.00 plus an additional fee of \$1.00 for each \$1,000.00 of cost or value or fractional part thereof in excess of \$2,000.00.
- Technical Variance Fee The application fee for any technical variance shall be \$25.00."

SECTION 3. Division 600 of the Building Code is hereby

"DI ISION 600

COMMERCIAL & INDUSTRIAL

(NON-SANITARY) PIPING & SYSTEMS (Minimum Requirements)

- 600.1 PURPOSE The purpose of this code is to protect and preserve life and property of those coming under its jurisdiction within the limits of the City of Fort Wayne, Indiana.
- 601 SCOPE
 601.1 The following orders, rules, standards, regulations and classifications shall apply to all new construction, additions, alterations, remodeling or changes in occupancy or use, and repair or maintenance in, for or about any building or structure of any kind, class or character, used or to be used, for any purpose whatsoever.

601.2 - When in Paragraph 601.1, above, reference is made to additions, alterations, remodeling, repair or maintenance, it shall not be construed to mean that existing system, part or all of which may not comply with this code, shall be replaced in order that approval may be obtained for the additional, altered, remodeled, or repaired portion of the system.

- 602 DEFINITIONS (none)
- REFERENCE TO STANDARDS

 603.1 All installations shall be in strict conformity with the provisions of this ordinance, the Statutes of the State of Indiana, the rules and regulations issued by the State Fire Marshal of Indiana, or other State regulatory bodies, under authority of the State Statutes and shall be in conformity with approved standards of construction for safety to life and property. Unless otherwise specified in this code, conformity with the published standards listed and referred to hereafter shall be prima facie evidence of conformity with this code the same as if the referenced standards were printed herein.
 - 603.2 In case two or more of the above standards conflict, the requirements of the more restrictive standard shall prevail.
- SYSTEMS COVERED

 Fiping systems covered in this Division shall include all systems not now covered in other Divisions of this code. Specifically such systems may be:

Flammable Gas Systems Non-flammable Gas Systems Flammable Liquid Systems Non-flammable Liquid Systems Fire Protection Systems Chemical Systems Radioactive Systems Lawn Sprinkler Systems

605 FLAMMABLE GAS SYSTEMS

605.1 - All piping, materials, appliances and equipment used in connection with flammable gases shall be in conformity with the standards of the State Fire Marshal of Indiana, the Underwriters Laboratories, Inc., The American National Standards Institute, The American Gas Association and the Standards of the National Fire Protection Association, numbered and titled as follows:

NFPA Standards

Number	Title
37 51 51B	Combustion Engines and Gas Turbines. Oxygen-Fuel Gas Systems for welding and cutting Welding and Cutting Processes.
54	Installation of Gas appliances and Gas Piping in Buildings.
56	Flammable Anesthetics Code.
566	Bulk Oxygen Systems at Consumer Sites.
567	Gaseous Hydrogen Systems at Consumer Sites.
58	Storage and Handling of Liquified Petroleum
	Gases.
59	LP-Gases at Utility Gas Plants.

ANSI Standards

Number	<u>Title</u>
B31.1	Power Piping Systems
B31.2	Industrial Gas & Air Piping Systems
B31.3	Petroleum Refinery Piping
B31.4	Liquid Petroleum Transportation Piping
B31.8	Gas Transmission and Distribution Piping Systems

605.2 WORKMANSHIP

All labor shall be performed in a thorough and workmanlike manner, and whenever it appears, in the opinion of the Inspector, that any work covered by this Division is being otherwise installed, the Inspector shall order such changes as he shall deem necessary.

605.3 WELDING - GENERAL REQUIREMENTS

605.3.1 - Identification of Welds. Each welder shall permanently identify welds made by him with a symbol which has been registered with the Piping Inspector.

605.3.2 - Certification of Welders. Each welder shall be qualified for the type of welding being performed. Such qualification shall be evidenced by certification with the Piping Inspector.

605.3.2.1 - Requalification requirements Welder requalification tests shall be required if there is some specific reason to question a welder's ability or the welder is not engaged in a given process of welding (i.e., arc or gas) for a period of six months or more.

605.3.3 - Testing of Welds.
Periodically with frequency as specified by the Piping
Inspector, weld samples may be required for test and evaluation for quality.

605.4 PIPELINE SAFEGUARDS Installation of flammable gas pipelines shall include adequate safeguards, which include but are not limited to the following.

> 605.4.1 - Relief Valves. When pressure-reducing devices are used, a suitable device shall be provided in addition to prevent actual over pressuring. Suitable types of protective devices shall prevent over pressuring of distribution systems and may include:

Liquid seal devices

Mechanical relief valves Automatic Shut-off devices

Pilot loaded back pressure regulators.

(5) Monitoring regulators

(6) Series regulator

605.4.2 - Depth of Burial Pipes shall be installed so as to withstand maximum anticipated superimposed loads.

Pipeline shall be pressure tested and all leaks repaired before placing in service.

ODORIZATION

Any gas distributed to customers through gas mains or service lines or used for domestic purposes in compressor plants, which does not naturally possess a distinctive odor to the extent that its presence in the atmosphere is readily detectable at all gas concentrations of one-fifth of the lower explosive limit and above, shall have an odorant added to make it so detectable.

When Odorant is added, periodic sampling shall be conducted to determine effectiveness of odorization and necessary records kept by the gas supplier. Such records shall be readily available for inspection by the Building Commissioner or his designee. DISTRIBUTION PIPING MAINTENANCE 605.6 605.6.1 - Patrolling Distribution mains, which are installed in locations or on structures where abnormal physical movement or abnormal external loading could cause failure or leakage, shall be patrolled periodically, and the frequency of patrolling shall be determined by the severity of the conditions which could cause failure or leakage and the consequent hazards to public safety. Once the frequency of inspection has been established by the piping inspector, the owner shall submit certification that such inspections were held and further shall submit a report of their findings to the piping inspector. 605.6.2 - Leakage Surveys and Routine Procedures 605.6.2.1 - Each operating company having a gas distribution system shall set up in its operating and maintenance plan a provision for the making of periodic leakage surveys. The types of surveys prescribed in the plan shall be one or more of the following employed singly or in combination, or some other effective procedure for locating leaks in underground piping systems: (a) Gas detector surveys. (b) Bar Test surveys. Vegetation surveys Pressure drop surveys. (e) Soapsuds testing on exposed pipe and fittings. 605.6.2.2 - The nature of the operations and local conditions of each individual company shall determine the type and scope of the leakage control program most suitable. The character of the general service area together with housing concentration should determine the frequency of the inspection program. It is recommended that the inspection program include at least the following provisions: - 6 -

(a) At least once a year a gas detector survey should be conducted in business districts by the utility, involving tests of the atmosphere in gas, electric, telephone, sewer and water system manholes at cracks in pavement and sidewalks and at other locations providing an opportunity for finding gas leaks. Leakage surveys, using one or more of the types referred to in 605.6.2.1, should be made of the distribution system outside of the principal business areas as frequently as experience indicates that they are necessary but not less than once every five years. Leaks located by these surveys shall be investigated promptly and any necessary repairs shall be made. When the condition of a main or a service, as indicated by leak frequency records or visual observation, deteriorates to the point where it should not be retained in service, it should be replaced or reconditioned. 605.6.3 - Abandoning of Distribution Facilities Each operating company shall have a plan in its operating and maintenance procedures for sealing off the supply of gas to all abandoned distribution facilities including service lines, mains, control lines, equipment and appurtenances. This plan shall include procedures for abandoning service lines that have remained inactive for a period of 2 years and for which there is no planned use. It is recommended that the plan include the following provisions: (a) If the facilities are abandoned in place or are disconnected or separated, the ends shall be capped, plugged or otherwise effectively sealed. (b) In cases where a main is abandoned, together with the service lines connected to it, only the customer's end of such service lines need be sealed as stipulated above. 605.6.4 - Test Requirement for Reinstating Abandoned and Temporarily Disconnected Service Lines. Service lines previously abandoned shall be tested in the same manner as new service lines before being reinstated. Service lines temporarily disconnected because of main renewals or other work shall be tested from the point of disconnection to the meter set assembly in the same manner as new service lines before reconnecting. Water, air, inert gas or gas may be used as the test medium. - 7 -

All piping, materials, appliances, equipment and installations in connection with non-flammable gases shall be in conformity with the standards of the Underwriters Laboratories, Inc., the American Society of Mechanical Engineers for Pressure Piping for Unfired Pressure Vessels and for Pressure Relieving Devices, and the standards of the National Fire Protection Association, numbered 56F and titled "Non-Flammable Medical Gas System."

607 FLAMMABLE LIQUIDS

All piping materials, appliances, equipment and installations in connection with flammable liquids shall be in conformity with the standards of the Underwriters Laboratories, Inc., the rules and regulations of the State Fire Marshal of Indiana, the National Safety Council, Inc., Pamphlet No. 24, titled "Safe Practices," and the standards of the National Fire Protection Association numbered and titled as follows:

Number	Title
30	Flammable and Combustible Liquids Code.
31	Installation of Oil Burning Equipment.
32	Dry Cleaning Plants.
321	Basic Classifications, Flammable and
	Combustible Liquids.
325A	Flash Points - Trade Name Liquids
325M	Prop. Flammable Liquids
326	Warning Labels on Flammable Liquid Containers
327	Cleaning Small Tanks
328	Manholes, Sewers, Flammable Liquids & Gases
329	Leakage from Underground Flammable and
	Combustible Liquid Tanks.
33	Spray Finishing Using Flammable Materials.
34	Dip Tanks Containing Flammable or Combustible
	Liquids.
35	Manufacture of Organic Coatings.
36	Solvent Extraction Plants.

607.1 Additional Requirements.

607.1.1 Installation of underground tanks shall be in conformity with rules and regulations of the State Fire Marshall of Indiana concerning use, handling, storage and sale of Flammable Liquids.

Combustion Engines and Gas Turbines.

Excavation - Excavation for underground storage tanks shall be made with due care to avoid undermining of foundations of existing structures.

Depth and Cover - Underground tanks shall be fixed to firm foundations and surrounded with an appropriate type of granular backfill well tamped in place. Tanks under driveways or heavy traffic areas shall be covered with not less than 16 inches of granular fill and not less than eight inches of reinforced concrete. Tanks under non-traffic areas shall be covered with not less than 24 inches of granular fill.

- 607.1.2 Discharge piping from underground tanks Pipes shall be substantially supported and protected against physical damage and excessive stresses arising from settlement, vibration, expansion or contraction, and shall include a section of flexible pipe not less than one foot in length starting at the tank joint. This flexible pipe shall be approved for the purpose. All pipes shall drain toward the main tank.
- 607.1.3 Safety Shut-Off Valves Where submersible pumps are used in flammable liquid tanks, a remote shut-off, or impact valve shall be installed, solidly connected with the pedestal or island, and approved for the purpose.
- 607.1.4 Vent Piping Vent piping shall be laid so as to drain toward the tank without says or traps in which liquid can collect. They shall be located so that they will not be subjected to physical damage. The tank end of the vent pipe shall enter the tank through the top.
- 607.1.5 Removal of Tanks Underground tanks containing flammable liquids including, but not limited to gasoline, fuel and waste oil, shall be removed upon abandonment. Abandonment, for the purpose of this section, shall be construed to mean that the premises will be used for other purposes not requiring the use of the tanks.

608 NON FLAMMABLE LIQUID SYSTEMS

All piping, material, appliances, equipment and installations used in connection with non-flammable liquid systems, including, but not limited to processing condensates, milk and food products, brine, refrigerants, hydraulic fluids, carbon dioxide, etc., shall be in conformity with the standards of the American Society of Mechanical Engineers, and the recommended standards of the Fluid Power Society and their then current publications.

FIRE PROTECTION SYSTEMS

All materials and installation in connection with fire protection systems shall be in conformity with the rules and regulations of the State Fire Marshal of Indiana, and the standards of the National Fire Protection Association, numbered and titled as follows:

Number	Title
11	Foam Extinguishing Systems.
12	Carbon Dioxide Extinguishing Systems.
13	Installation of Sprinkler Systems.
14	Installation of Standpipe and Hose Systems
15	Water Spray Systems for Fire Protection.
16 .	Foam-Water Sprinkler and Spray Systems.
17	Dry Chemical Extinguishing Systems.
20	Installations of Centrifugal Fire Pumps.
22	Water Tanks for Private Fire Protection.
23	Fire Department Connections, Sprinkler,
	Standpipe Systems.
21	Outside Protection (Vard Pining)

610 CHEMICAL SYSTEMS

All piping, materials, appliances and equipment used in connection with chemical systems shall be in conformity with the applicable ANSI Standard, such as ANSI STD. B31.6, Chemical Plant Piping.

611 RADIOACTIVE MATERIALS SYSTEMS

All piping systems conveying radioactive materials shall be installed in accordance with the recommendations of Atomic Energy Commission of the Federal Government and the standards of the National Fire Protection Association, #801 - "Safe Practice for Nuclear Reactors," and USE STD. B31.7 Nuclear Power Piping.

612 GENERAL REGULATIONS

612.1 Any type of piping system not specifically covered by this code shall be installed in accordance with accepted practice for that type of piping, and in accordance with rules and regulations of other regulatory bodies having jurisdiction thereof, and shall be in conformity with manufacturers' recommendations. Two copies of the manufacturers' recommendations shall be furnished the Building Commissioner upon making application for a permit for the specific installations."

SECTION 4. This ordinance shall be in full force and effect from and after its passage, approval by the Mayor and legal publication as required by law.

Read the first time in full and on motion	by seconded by
and duly adop	eted, read the second time by title and referred
to the (Committee on)	(and to the City Plan
Commission for recommendation) (and P_{u} blic Hea	aring to be held after due legal notice,
at the Council Chambers, City Hall, Fort Wayne	, Indiana, on
the day of	19, at o'clock
P.M., E.S.T.	
Date:	Fred G. Bonakoom City Clerk
	·
0 -	by Tapton
seconded by Kakinson	and duly adopted, placed on its passage.
Passed (LOST) by the following vote:	
AYES _g_, NAYS _o_, ABSTA	AINED, ABSENT to-wit:
Adams L Dunifon	
Fay	
Geake	
Robinson	
Rousseau Steigerwald	
Tipton	
Date 4:27-7/	First & Box about
	City Clerk
Passed and adopted by the Common Council (Zoning Map)(General)(Annexation)(Special)(App	of the City of Fort Wayne, Indiana, as proprietion) Ordinance (Resistion) No. 2///-7/
on the day of april	, 19 7/
ATTEST: (SEAL)	11-2111
Frad & Bonaksom	That I Stime to be
City Clerk	Presiding Officer
ly very on to your	of Fort Wayne, Indiana, on the 28th day
	the hour of 8:30 o'clock A.M., E.S.T.
	Fred I. Bon ahoon.
	of april , 197/
at the hour of 10.46 o'clock A.M., E	
	Mayor Seis
	114,01

Held

Bill No. <u>G-70-02-16</u> (amended)
REPORT OF THE COMMITTEE ONREGULATIONS
We, your Committee on Regulations to whom was referred an Ordinance
amending the Building Code with respect to Commercial and Industrial (non-sanitary
piping and systems),
have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance PASS. As amended.
HERBERT G. TIPTON, Chairman flewer Jeffron
JACK K. DUNIFON, Vice-Chairman
THOMAS G. ADAMS Iffour ap 7 all aug
WILLIAM K. GEAKE W. Seake
JOHN H. ROBINSON Ken / Liles
DATE 4-27-7/ FUAD G. BONAHOOM, CITY ELERK
G. BONAHOOM, CITY ELFRIC

GENERAL ORDINANCE NO. G-

AN ORDINANCE amending the Building Code with respect to Commercial and Industrial (non-sanitary) piping systems.

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. Section 108.4 of Division 100 of Chapter 37 of the Municipal Code of the City of Fort Wayne, Indiana, 1946, as amended and re-codified by General Ordinance No. G-66-66, passed by the Common Council on June 14, 1966, and approved by the Mayor on June 15, 1966, hereinafter referred to as the Building Code, is hereby amended by adding thereto the following:

"108.4.1 Permits

- 103.4.1.1 Need for Permit No Non-Sanitary piping work shall be done in the city in any building or other place coming within the jurisdiction of this code, except in case of repair of leaks in existing systems until a permit has been issued for the piping work proposed.
- 108.4.1.2 Unlawfully Securing Permits for Others Any person duly qualified as required by this Code to supervise or perform any work governed by this Code, who shall take out or secure a permit as required by this Code for work to be done by any person not qualified, nor in the employ of such qualified person, or, who shall allow his name to be used by any other person for the purpose either of doing any such work or obtaining permit therefor, shall by such act, upon conviction thereof forthwith forfeit qualification status.

Certification of qualifications of a person requesting a permit may be required by the Building Commissioner in case of doubt.

Application - Before the granting of a permit, an application shall be made on the appropriate blanks as are provided for that purpose. The permit shall then be issued by the Building Department.

- 108.4.3 Expiration of Permit Every permit shall be considered vold if active work is not commenced within a period of nanety days after the date of issuance of same. However, an extension may be granted by the Building Commissioner upon request. If active work on an installation has been suspended for a period of sixty days, the permit for such work shall be considered null and void.
- 108.4.4 Revocation of Permit The Piping Inspector may revoke a permit issued when there has been any false statement or misrepresentation in the application or plans on which the permit was based. The Piping Inspector may revoke a permit issued if reasonable access for inspection under this Code should be withheld from a properly authorized person."

SECTION 2. Section 109.4 of Division 100 of the Building Code is hereby amended by adding thereto the following:

- "109.4 COMMERCIAL AND INDUSTRIAL (NON-SANITARY) PIPING & SYSTEMS
- 109.4.1 Fees for Permit Fees for permits are listed below and will be based on the cost or value of the piping systems.

109.4.2 Technical Variance Fee - The application fee for any technical variance shall be \$25.00."

SECTION 3. Division 600 of the Building Code is hereby mended to read as follows:

"DIVISION 600

COMMERCIAL & INDUSTRIAL

(NON-SANITARY) PIPING & SYSTEMS (Minimum Requirements)

- 600.1 PURPOSE The purpose of this code is to protect and preserve life and property of those coming under its jurisdiction within the limits of the City of Fort Wayne, Indiana.
- 601 SCOPE
 601.1 The following orders, rules, standards, regulations and classifications shall apply to all new construction, additions, alterations, remodeling or changes in occupancy or use, and repair or maintenance in, for or about any building or structure of any kind, class or character, used or to be used, for any purpose whatsoever.
 - 601.2 When in Paragraph 601.1, above, reference is made to additions, alterations, remodeling, repair or maintenance, it shall not be construed to mean that existing system, part or all of which may not comply with this code, shall be replaced in order that approval may be obtained for the additional, altered, remodeled, or repaired portion of the system.
- 602 <u>DEFINITIONS</u> (None)
- 603 REFERENCE TO STANDARDS
 603.T All installations shall be in strict conformity with the provisions of this ordinance, the Statutes of the State of Indiana, the rules and regulations issued by the State Fire Marshal of Indiana, or other State regulatory bodies, under authority of the State Statutes and shall be in conformity with approved standards of construction for safety to life and property. Unless otherwise specified in this code, conformity with the published standards listed and referred to hereafter shall be prima facie evidence of conformity with this code the same as if the referenced standards were printed herein.
 - 603.2 In case two or more of the above standards conflict, the requirements of the more restrictive standard shall prevail.
 - Tystems (OWERD)

 Tiping systems covered in this Division shall include all systems not now covered in other Divisions of this mode. Specifically such systems may be:

Flammable Cas Systems Non-flammable Cas Systems Flammable Liquid Systems Ron-flavadde liquid Tydtere Fire Protection Systems Chemical Systems Radioactive Systems Lawn Syriakler Systems

605 FLANDIABLE GAS SYSTEMS

605.1 - All piping, materials, appliances and equipment used in connection with flammable gases shall be in confortity with the standards of the State Fire Marshal of Indiana, the Underwriters Laboratories, Inc., The American National Standards Institute, The American Gas Association and the Standards of the National Fire Protection Association, numbered and titled as follows:

NFPA Standards

Numbe	<u>Title</u>
37	Combustion Engines and Gas Turbines.
51	Oxygen-Fuel Gas Systems for welding and cutting
51B	Welding and Cutting Processes.
54	Installation of Gas appliances and Gas Piping
	in Buildings.
56	Flammable Anesthetics Code.
566	Bulk Oxygen Systems at Consumer Sites.

567 Gaseous Hydrogen Systems at Consumer Sites.
58 Storage and Handling of Liquified Petroleum
Gases.

59 LP-Gases at Utility Gas Plants.

ANSI Standards

Number	<u>Title</u>

B31.1	Power Piping Systems	
B31.2	Industrial Gas & Air Pi	ping Systems

B31.3 Petroleum Refinery Piping

B31.4 Liquid Petroleum Transportation Piping
B31.8 Gas Transmission and Distribution Piping Systems

605.2 WORKMANSHIP

All labor shall be performed in a thorough and workmanlike manner, and whenever it appears, in the opinion of the Inspector, that any work covered by this Division is being otherwise installed, the Inspector shall order such changes as he shall deem necessary.

605.3 WELDING - GENERAL REQUIREMENTS

605.3.1 - Identification of Welds. Each welder shall permanently identify welds made by him with a symbol which has been registered with the riping Inspector. .605.3.2 - Certification of Welders. Each welder shall be qualified for the type of welding being performed. Such qualification shall be evidenced by certification with the Piping Inspector.

605.3.2.1 - Requalification requirements Welder requalification tests shall be required if there is some specific reason to question a welder's ability or the welder is not engaged in a given process of welding (i.e., arc or gas) for a period of six months or more.

605.3.3 - Testing of Welds. Periodically with frequency as specified by the Piping Inspector, weld samples may be required for test and evaluation for quality.

605.4 PIPELINE SAFEQUARDS

Installation of flammable gas pipelines shall include adequate safequards, which include but are not limited to the following.

605,4,1 - Relief Valves.

When pressure reducing devices are used, a suitable device shall be provided in addition to prevent actual over pressuring. Suitable types of protective devices shall prevent over pressuring of distribution systems and may include:

- (1) Liquid seal devices
 (2) Mechanical relief valves
- (3) Automatic shut off devices
- (4) Pilot loaded back pressure regulators
- (5) Monitoring regulators
- (6) Series regulator

605,4,2 - Depth of Burial Pipes shall be installed so as to withstand maximum anticipatel superimposed loads.

695.4.3

Pipeline shall be pressure tested and all leaks repaired before placing in service.

605.5 COLTAXION

Any gas distributed to customers through gas mains or service lines or used for domestic purposes in compressor plants, which does not naturally possess a distinctive odor to the extent that its presence in the atmosphere is readily Jetectable at all gas concentrations of one-fifth of the lower explosive limit and above, shall have an odorant added to make it so detectable.

'605.5.1 - When odorant is added, periodic sampling shall be conducted to determine effectiveness of odorization and necessary records kept by the gas supplier. Such records shall be readily available for inspection by the Building Commissioner or his designee.

605.6 - DISTRIBUTION PIPING MAINTENANCE

605.6.1 - Patrolling

Distribution mains, which are installed in locations or on structures where abnormal physical movement or abnormal external loading could cause failure or leakage, shall be patrolled periodically, and the frequency of patrolling shall be determined by the severity of the conditions which could cause failure or leakage and the consequent hazards to public safety. Once the frequency of inspection has been established by the piping inspector, the owner shall submit certification that such inspections were held and further shall submit a report of their findings to the piping inspector.

605.6.2 - Leakage Surveys and Routine Procedures

605.6.2.1 - Each operating company having a gas distribution system shall set up in its operating and maintenance plan a provision for the making of periodic leakage surveys. The types of surveys prescribed in the plan shall be one or more of the following employed singly or in combination, or some other effective procedure for locating leaks in underground piping systems:

- (a) Gas detector surveys.(b) Bar Test surveys.
- (c) Vegetation surveys.
- (d) Pressure drop surveys.
- (e) Soapsuds testing on exposed pipe and fittings.

605,6.2.2 - The nature of the operations and local conditions of each individual company shall determine the type and scope of the leakage control program most suitable. The character of the general service area together with housing concentration should determine the frequency of the inspection program.

It is recommended that the inspection program include at least the following provisions:

- (a) At least once a year a gas detector survey should be conducted in business districts, involving tests of the atmosphere in gas, electric, telephone, sever and water system manholes at cracks in pavement and sidewalks and at other locations providing an opportunity for finding gas leaks. Leakage surveys, using one or more of the types referred to in 605,6:21, should be made of the distribution system outside of the principal business areas as frequently as experience indicates that they are necessary but not less than once every five years.
- (b) Leaks located by these surveys shall he investigated promptly and any necessary repairs shall be made. When the condition of a main or a service, as indicated by leak frequency records or visual observation, deteriorates to the point where it should not be retained in service, it should be replaced or reconditioned.

605.6.3 - Abandening of Distribution Facilities

Each operating company shall have a plan in its operating and maintenance procedures for sealing off the supply gas to all abandoned distribution facilities including service lines, mains, control lines, equipment and appurtenances. This plan shall include procedures for abandoning service lines that have remained inactive for a period of 2 years and for which there is no planned use. It is recommended that the plan include the following provisions:

- (a) If the Facilities are abandoned in place or are disconnected or separated, the ends shall be capped, plugged or otherwise effectively sealed.
- (b) In cases where a main is abandonel, together with the service lines connected to it, only the customer's end of such service lines need be sealed as stipulated above.

605.6.4 - Test Requirement for Reinstating Mandoned and Temporarily Disconnected Service Lines.

Service lines previously abandoned shall be tested in the same manner as new service lines before being reinstated. Service lines temporarily disconnected because of main renewals or other work shall be tested from the point of disconnection to the meter set assembly in the same manner as new service lines before reconnecting. Nater, air, inert gas or gas may be used as the test medium.

606 NON FLAMMABLE GAS SYSTEMS

All piping, materials, appliances, equipment and installations in connection with non-flammable gases shall be in conformity with the standards of the Underwriters Laboratories, Inc., the American Society of Mechanical Engineers for Pressure Piping for Unfired Pressure Vessels and for Pressure Relieving Devices, and the standards of the National Fire Protection Association, numbered 56F and titled "Non-Flammable Medical Gas System."

607 FLAMMABLE LIQUIDS

Number

37

All piping materials, appliances, equipment and installations in connection with flammable liquids shall be in conformity with the standards of the Underwriters Laboratories, Inc., the rules and regulations of the State Fire Marshal of Indiana, the National Safety Council, Inc., Pamphlet No. 24, titled "Safe Practices," and the standards of the National Fire Protection Association numbered and titled as follows:

Title

30	Flammable and Combustible Liquids Code.
31	Installation of Oil Burning Equipment.
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	Liquids.
325A	Flash Points - Trade Name Liquids
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327	Cleaning Small Tanks
328	Manholes, Sewers, Flammable Liquids & Gases
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	Combustible Liquid Tanks.
33	Spray Finishing Using Flammable Materials.
34	Dip Tanks Containing Flammable or Combustible
	Liquids.
35	Manufacture of Organic Coatings.
36	Solvent Extraction Plants.

607.1 Additional Requirements

607.1.1 Installation of underground tanks shall be in conformity with rules and regulations of the State Fire Marshal of Unitana concerning use, handling, storage and sale of Flarmable Liquids.

Combustion Engines and Cas Turbines.

Excavation - Excavation for underground storage tanks shall be made with due care to avoid undermining of foundations of existing structures.

Depth and Cover - Underground tanks shall be fixed to firm foundations and surrounded with bank run gravel well temped in place.

Tanks under driveways or heavy traffic areas shall be covered with not less than 16 inches of bank run gravel and not less than sight inches of reinforced concrete. Tanks under non-traffic areas shall be covered with not less than 24 inches of bank run gravel.

607.1.2 Discharge piping from underground tanks.

Pipes shall be substantially supported and protected against physical damage and excessive stresses arising from sattlement, vibration, expansion or contraction, and shall include a section of flexible pipe not less than one foot in length starting at the tank joint. This flexible pipe shall be approved for the purpose. All pipes shall drain toward the main tank.

607.1.3 Safety Shut Off Valves

Where submersible pumps are used in flammable liquid tanks, a remote shut-off, or impact valve shall be installed, solidly connected with tha pedestal or island, and approved for the purpose.

607.1.4 Vent Piping

Vent piping shall be laid so as to drain toward the tank without sags or traps in which liquid can collect. They shall be located so that they will not be subjected to physical damage. The tank end of the vent pipe shall enter the tank through the top.

607.1.5 Removal of Tanks

Underground tanks containing flammable liquids including, but not limited to gasoline, fuel and waste oil, shall be removed upon abandonment. Abandonment, for the purpose of this section, shall be construed to mean that the premises will be used for other purposes not requiring the use of the tanks.

NON FLATMABLE LIQUID SYSTEMS

608

All piping, material, appliances, equipment and installations used in connection with non-flammable liquid systems, including, but not limited to processing condensates, milk and food products, brine, refrigerants, hydraulte fluids, carbon dloxide, etc., shall be in confermity with the standards of the American Society of Techanical Engineers, and the recommended standards of the Finii Power Society and their then current publications.

FIRE PROTECTION SYSTEMS

All materials and installation in connection with fire protection systems shall be in conformity with the rules and regulations of the State Fire Marshal of Indiana, and the standards of the National Fire Protection Association, numbered and titled as follows:

Number	<u>Title</u>
11	Foam Extinguishing Systems.
12	Carbon Dioxide Extinguishing Systems.
13	Installation of Sprinkler Systems.
14	Installation of Standpipe and Hose Systems.
15	Water Spray Systems for Fire Protection.
16	Foam-Water Sprinkler and Spray Systems.
17	Dry Chemical Extinguishing Systems.
29	Installations of Centrifugal Fire Pumps.
22	Water Tanks for Private Fire Protection.
23	Fire Department Connections, Sprinkler, Standpipe Systems.
24	Outside Protection (Yard Piping).

610 CHEMICAL SYSTEMS

All piping, materials, appliances and equipment used in connection with chemical systems shall be in conformity with the applicable ANSI Standard, such as ANSI STD. B31.6, Chemical Plant Piping.

611 RADIOACTIVE MATERIALS SYSTEMS

All piping systems conveying radioactive materials shall be installed in accordance with the recommendations of Atomic Fnergy Commission of the Federal Government and the standards of the National Fire Protection Association, #301 - "Safe Practice for Nuclear Reactors," and USE STD, 831,7 Nuclear Power Piping.

612 GENERAL REGULATIONS

613.1 Any type of piping system not specifically covered by this code shall be installed in accordance with accordance with accordance with rules and regulations of other regulatory bodies having jurisdiction thereof, and shall be in conformity with manufacturers' recommendations. Two copies of the manufacturers' recommendations shall be furnished the Builling Commissioner upon making application for a permit for the specific installations.

SECTION 4. This ordinance shall be in full force and effect from and after its passage, approval by the Mayor and legal publication as required by law.

APPROVED AS TO FORM AND LEGALITY

- 3.1

BILL NO. G-70-02-16

GENERAL ORDINANCE NO. G-____

AN ORDINANCE amending the Building Code with respect to Commercial and Industrial (non-sanitary piping and systems).

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. Section 108.4 of Division 100 of Chapter 37 of the Municipal Code of the City of Fort Wayne, Indiana, 1946, as amended and re-codified by General Ordinance No. G-66-66, passed by the Common Council on June 14, 1966, and approved by the Mayor on June 15, 1966, hereinafter referred to as the Building Code, is hereby amended by adding thereto the following:

"108.4.1 Permits

- 108.4.1.1 Need for Permit No Non-Sanitary piping work shall be done in the city in any building or other place coming within the jurisdiction of this code, except in case of repair of leaks in existing systems until a permit has been issued for the plumbing work proposed.
- 108.4.1.2 Resident Owner A permit may be issued to the owner of any building used and occupied by him, work for which a permit is required by this code if said work shall be actually done by the resident owner or a member of his immediate family, and the applicant furnishes a sworn statement to that effect. No permit shall be issued to the owner of any building to do his own piping work if the building for which the permit is required is a place of business, apartment house, rental unit, or as a house to be offered for resale within one year.
- 108.4.1.3 Unlawfully Securing Permits for Others Amy person duly licensed as required by this Code to supervise or perform any work governed by this Code, who shall, as such licensee, take out or secure a permit as required by this Code for work to be done by any person not connected with such licensee, nor in the employ of such licensed person, or, who shall allow his name to be used by any other person for the purpose either of doing any such work or obtaining permit therefor, shall by such act, upon conviction thereof forthwith forfeit his license.

- 108.4.2 Application Before the granting of a permit, an application shall be made on the appropriate blanks as are provided for that purpose. The permit shall then be issued by the Building Department.
- 108.4.3 Expiration of permit Every permit shall be considered void if active work is not commenced within a period of ninety days after the date of issuance of same. However, an extension may be granted by the Building Commissioner upon request. If active work on an installation has been suspended for a period of sixty days, the permit for such work shall be considered null and void.
- 108.4.4 Revocation of Permit The Piping Inspector may revoke a permit issued when there has been any false statement or misrepresentation in the application or plans on which the permit was based. The Piping Inspector may revoke a permit issued if reasonable access for inspection under this Code should be withheld from a properly authorized person."

SECTION 2. Section 109.4 of Division 100 of the

Building Code is hereby amended by adding thereto the following:

"109.4 COMMERCIAL AND INDUSTRIAL (NON-SANITARY) PIPING & SYSTEMS

109.4.1 Fees for Permit - Fees for permits are listed below and will be based on the cost or value of the piping systems.

\$ 0.00 - \$1,000.00---------\$3.00 \$1,000.00 - \$2,000.00-----------\$5.00 Over \$2,000.00-----------------\$5,00 plus an additional fee of \$1.00 for each \$1,000.00 of cost or value or fractional part thereof in excess of \$2,000.00.

109.4.2 <u>Technical Variance Fee</u> - The application fee for any technical variance shall be \$25.00."

SECTION 3. Division 600 of the Building Code is hereby amended to read as follows:

"DIVISION 600

COMMERCIAL & INDUSTRIAL

(NON-SANITARY) PIPING & SYSTEMS (Minimum Requirements)

600.1 PURPOSE - The purpose of this code is to protect and preserve life and property of those coming under its jurisdiction within the limits of the City of Fort Wayne, Indiana.

601 SCOPE

601.1 - The following orders, rules, standards, regulations and classifications shall apply to all new construction, additions, alterations, remodeling or changes in occupancy or use, and repair or maintenance in, for or about any building or structure of any kind, class or character, used or to be used, for any purpose whatsoever.

601.2 - When in Paragraph 601.1, above, reference is made to additions, alterations, remodeling, repair or maintenance, it shall not be construed to mean that existing system, part or all of which may not comply with this code, shall be replaced in order that approval may be obtained for the additional, altered, remodeled, or repaired portion of the system.

602 <u>DEFINITIONS</u> - (None)

603 REFERENCE TO STANDARDS

603.1 - All installations shall be in strict conformity with the provisions of this ordinance, the Statutes of the State of Indiana, the rules and regulations issued by the State Fire Marshal of Indiana, or other State regulatory bodies, under authority of the State Statutes and shall be in conformity with approved standards of construction for safety to life and property. Unless otherwise specified in this code, conformity with the published standards listed and referred to hereafter shall be prima facie evidence of conformity with this code the same as if the referenced standards were printed herein.

603.2 - In case two or more of the above standards conflict, the requirements of the more restrictive standard shall prevail.

604 SYSTEMS COVERED

PipingSystems covered in this Division will include all systems not now covered in other Divisions of this code. Specifically such systems may be:

> Flammable Gas Systems Non-flammable Gas Systems Flammable Liquid Systems

Non-flammable Liquid Systems Fire Protection Systems Chemical Systems Radioactive Systems Lawn Sprinkler Systems

605 FLAMMABLE GAS SYSTEMS

Number

605.

605.1 - All piping, materials, appliances and equipment used in connmection with flammable gases should be in conformity with the standards of the State Fire Marshall of Indiana, the Underwriters Laboratories, Inc., the American Insurance Association, the United States of America Standards Institute, the American Gas Association, and/or the standards of the National Fire Protection Association, numbered and titled as follows:

Title

NFPA Standards

37	Combustion Engines and Gas Turbines
51	Oxygen-Fuel Gas Systems for welding and cutting.
51B	Welding and Cutting Processes.
54	Installation of Gas appliances and Gas Piping in Buildings.
56	Flammable Anesthetics Code.
566	Bulk Oxygen Systems at Consumer Sites.
567	Gaseous Hydrogen Systems at Consumer Sites.
58	Storage and Handling of Liquified Petroleum
	Gases.
59	LP-Gases at Utility Gas Plants.

USA Standards

	Number	<u>Title</u>
	B31.2	Power Piping Systems Industrial Gas & Air Piping Systems Petroleum Refinery Piping Liquid Petroleum Transportation Piping Gas Transmission and Distribution Piping Systems
2		NSHIP NOT shall be performed in a thorough and workman- space, and whenever it appears, in the opinion

of the Inspector, that any work covered by this Division is being otherwise installed, the Inspector shall order such changes as he shall deem necessary.

605.3 WELDING - GENERAL REQUIREMENTS

605.3.1 - Identification of Welds. Each welder shall permanently identify welds made by him with a symbol which has been registered with the Piping Inspector.

605.3.2 - Certification of Welders. Each welder shall be qualified for the type of welding being performed. Such qualification shall be evidenced by certification with the Piping Inspector.

605.3.2.1 - Requalification requirements Welder requalification tests shall be required if there is some specific reason to question a welder's ability or the welder is not engaged in a given process of welding (i.e., arc or gas) for a period of six months or more.

605.3.3 - Testing of Welds.

Periodically, frequency as specified by the Piping Inspector, weld samples may be required for test and evaluation for quality.

605.4 PIPELINE SAFEGUARDS Installation of flammable gas pipelines shall include adequate safeguards, which include but are not limited

605.4.1 - Relief Valves.

to the following.

When pressure reducing devices are used, a suitable device shall be provided in addition to prevent actual over pressuring. Suitable types of protective devices shall prevent over pressuring of distribution systems and may include:

- (1) Liquid seal devices
- (2) Mechanical relief valves
- (3) Automatic shut off devices
- (4) Pilot loaded back pressure regulators(5) Monitoring regulators
- (6) Series regulator

605.4.2 - Depth of Burial

Pipes shall be installed so as to withstand maximum anticipated superimposed loads.

605.4.3

Pipeline shall be pressure tested and all leaks repaired before placing in service.

605.5 ODORIZATION

Any gas distributed to customers through gas mains or service lines or used for domestic purposes in compressor plants, which does not naturally possessa distinctive odor to the extent that its presence in the atmosphere is readily detectable at all gas concentrations of one-fifth of the lower explosive limit and above, shall have an odorant added to make it so detectable.

605.5.1 - When odorant is added, periodic sampling shall be conducted to determine effectiveness of odorization and necessary records kept by the gas supplier. Such records shall be readily available for inspection by the Building Commissioner or his designee.

605.6 - DISTRIBUTION PIPING MAINTENANCE

605.6.1 - Patrolling

Distribution mains, which are installed in locations or on structures where abnormal physical movement or abnormal external loading could cause failure or leakage, shall be patroled periodically, and the frequency of patrolling shall be determined by the severity of the conditions which could cause failure or leakage and the consequent hazards to public safety. Once the frequency of inspection has been established by the piping inspector, the owner shall submit certification that such inspections were held and further shall submit a report of their findings to the piping inspector.

605.6.2 - Leakage Surveys and Routine Procedures

605.6.2.1 - Each operating company having a gas distribution system shall set up in its operating and maintenance plan a provision for the making of periodic leakage surveys. The types of surveys prescribed in the plan shall be one or more of the following employed singly or in combination, or some other effective procedure for locating leaks in underground piping systems:

- (a) Gas detector surveys.
- (b) Bar Test surveys.
- (c) Vegetation surveys.
- (d) Pressure drop surveys.
- (e) Soapsuds testing on exposed pipe and fittings.

605.6.2.2 - The nature of the operations and local conditions of each individual company shall determine the type and scope of the leakage control program most suitable. The character of the general service area together with housing concentration should determine the frequency of the inspection program.

It is recommended that the inspection program include at least the following provisions:

(a) At least once a year a gas detector survey should be conducted in business districts, involving tests of the atmosphere in gas, electric, telephone, sewer and water system manholes at cracks in pavement and sidewalks and at other locations providing an opportunity for finding gas leaks. Leakage surveys, using one or more of the types referred to in 605.6.2.1, should be made of the distribution system outside of the principal business areas as frequently as experience indicates that they are necessary but not less than once every five years.

(b) Leaks located by these surveys shall be investigated promptly and any necessary repairs shall be made. When the condition of a main or a service, as indicated by leak frequency records or visual observation, deteriorates to the point where it should not be retained in service, it should be replaced

or reconditioned.

605.6.3 - Abandoning of Distribution Facilities

Each operating company shall have a plan in its operating and maintenance procedures for sealing off the supply of gas to all abandoned distribution facilities including service lines, mains, control lines, equipment and appurtenances. This plan shall include procedures for abandoning service lines that have remained inactive for a period of 2 years and for which there is no planned use. It is recommended that the plan include the following provisions:

(a) If the Facilities are abandoned in place or are disconnected or separated, the ends shall be capped, plugged or otherwise effectively sealed.

(b) In cases where a main is abandoned, together with the service lines connected to it, only the customer's end of such service lines need be sealed as stipulated above.

605.6.4 - Test Requirement for Reinstating Abandoned and Temporarily Disconnected Service Lines.

Service lines previously abandoned shall be tested in the same manner as new service lines before being reinstated. Service lines temporarily disconnected because of main renewals or other work shall be tested from the point of disconnection to the meter set assembly in the same manner as new service lines before reconnecting. Water, air, inert gas or gas may be used as the test medium..

606 NON FLAMMABLE GAS SYSTEMS

All piping, materials, appliances, equipment and installations in connection with non-flammable gases shall be in conformity with the standards of the Underwriters Laboratories, Inc., the American Insurance Association, the American Society of Mechanical Engineers for Pressure Piping for Unfired Pressure Vessels and for Pressure Relieving Devices, and/or the standards of the National Fire Protection Association, numbered 565 and titled "Non-Flammable Medical Gas System."

607 FLAMMABLE LIQUIDS

All piping, materials, appliances, equipment and installations in connection with flammable liquids shall be in conformity with the standards of the Underwriters Laboratories, Inc., the American Insurance Association, the rules and regulations of the State Fire Marshall of Indiana, the National Safety Council, Inc., Pamphlet No. 24, titled "Safe Practices," and/or the standards of the National Fire Protection Association numbered and titled as follows:

Number	<u>Title</u>
30	Flammable and Combustible Liquids Code.
31	Installation of Oil Burning Equipment.
32	Dry Cleaning Plants.
321	Basic Classifications, Flammable and Combustibl Liquids.
325A	Flash Points - Trade Name Liquids
329	Leakage from Underground Flammable and Combustible Liquid Tanks.
326	Warning Labels on Flammable Liquid Containers
33	Spray Finishing Using Flammable Materials.
34	Dip Tanks Containing Flammable or Combustible Liquids.
35	Manufacture of Organic Coatings.
36	Solvent Extraction Plants.
37	Combustion Engines and Gas Turbines.
607.1	Additional Requirements

607.1.1 -Installation of underground tanks.

<u>Excavation</u> - Excavation for underground storage tanks shall be made with due care to avoid undermining of foundations of existing structures. Depth and Cover - Underground tanks shall be fixed to firm foundations and surrounded with bank run gravel well tamped in place. Tanks under driveways or heavy traffic areas shall be covered with not less than 16 inches of bank run gravel and not less than eight inches of reinforced concrete. Tanks under non-traffic areas shall be covered with not less than 24 inches of bank run gravel.

607.1.2 Discharge piping from undergound tanks.

Pipes shall be substantially supported and protected against physical damage and excessive stresses arising from settlement, vibration, expansion or contraction, and shall include a section of flexible pipe not less than one foot in length starting at the tank joint. This flexible pipe shall be approved for the purpose. All pipes shall drain toward the main tank.

607.1.3 Removal of Tanks

Underground tanks containing flammable liquids such as gasoline, fuel and waste oil, shall be removed upon abandonment. Abandonment, for the purpose of this section, shall be construed to mean that the premises will be used for other purposes not requiring the use of the tanks.

607.1.4 Vent Piping

Vent piping shall be laid so as to drain toward the tank without sags or traps in which liquid can collect. They shall be located so that they will not be subjected to physical damage. The tank end of the vent pipe shall enter the tank through the top.

608 - NON-FLAMMABLE LIQUID SYSTEMS

all piping, material, appliances, equipment and installations used in connection with non-flammable liquid systems, such as processing condensates, milk and food products, brine, refrigerants, hydraulic $f\iota^{\omega_1 D} S$, carbon dioxide, etc., shall be in conformity with the standards of the American Society of Mechanical Engineers, and the recommended standards of the Fluid Power Society and their then current publications.

609 FIRE PROTECTION SYSTEMS

All materials and installation in connection with fire protection systems shall be in conformity with the rules and regulations of the State Fire Marshall of Indiana, the requirements of the Inspection Department of the Associated Factory Mutual Fire Insurance Companies and/or the standards of the National Fire Protection Association, numbered and titled as follows:

Number Title

- 11 Foam Extinguishing Systems
- 12 Carbon Dioxide Extinguishing Systems
- 13 Installation of Sprinkler Systems
- 14 Installation of Standpipe and Hose Systems
- 15 Water Spray Systems for Fire Protection.
- 16 Foam-Water Sprinkler and Spray Systems.
- 17 Dry Chemical Extinguishing Systems.
- 20 Installations of Centrifugal Fire Pumps.
- 22 Water Tanks for Private Fire Protection.
- 23 Fire Department Connections, Sprinkler, Standpipe Systems
- 24 Outside Protection (Yard Piping).
- 290 Fire Hydrants for Private Fire Service.
- 291 Fire Hydrants Uniform Marking.
- 802 Fire Protection for Nuclear Reactors.

610 CHEMICAL SYSTEMS

All piping, materials, appliances and equipment used in connection with chemical systems shall be in conformity with the applicable USA Standard, such as USA STD. B31,6, Chemical Plant Piping.

611 RADIOACTIVE MATERIALS SYSTEMS

All piping systems conveying radioactive materials shall be installed in accordance with the recommendations of Atomic Energy Commission of the Federal Government and/ or the standards of the National Fire Protection Association, #801 - "Safe Practice for Nuclear Reactors," and USE STD. B31.7 Nuclear Power Piping.

612 CONFLICTING STANDARDS

In case two or more of the above standards conflict, the requirements of the more restrictive standard shall prevail.

613 GENERAL REGULATIONS

613.1 Any type of piping system not specifically covered by this code shall be installed in accordance with accepted practice for that type of piping, and in accordance with rules and regulations of other regulatory bodies having jurisdiction thereof, and shall be in conformity with manufacturers' recommendations. Two copies of the manufacturers' recommendations shall be furnished the Building Commissioner upon making application for a permit for the specific installations."

SECTION 4. This ordinance shall be in full force and effect from and after its passage, approval by the mayor and legal publication as required by law.

APPROVED AS TO FORM
AND LEGALITY,

Read the first time in full and on motion by seconded by
and duly adopted, read the second time by title and referre
to the (Committee on) (and to the City Pra
Sommission for recommendation) (and Public Hearing to be held after due legal notice,
at the Council Chambers, City Hall, Fort Wayne, Indiana, on
the day of 196 at o'clock
P.M., E.S.T.
Date: 2-10-70 Fand & Bonakoom City Clerk
Read the third time in full and on motion by
seconded by Robinson and duly adopted, placed on its passage.
Passed (105T) by the following vote:
AYES 9, NAYS 0, ABSTAINED, ABSENT to-wit:
Adams
Fay
Geake Nuckols
Robinson
Rousseau Steigerwald V
Tipton
Date 4-27-71 City Clerk
Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (Zooken Map) (General) (Amnowation) (Special) (Appropriation) Ordinance (Resolution) No.
on the
ATTEST: (SEAL)
City Clerk Presiding Officer
Presented by me to the Mayor of the City of Fort Wayne, Indiana, on theday
of, 196_7/ at the hour ofo'clock // M.,E.S.T.
City Clerk
Approved and signed by me this day of, 196
at the hour ofo'clockM.,E.S.T.
Mayor

State of Indiana ALLEN County ss:

Notice is hereby given that an the 27th oy of April, 1971, he Cammen Council of the City of Fort Woyne, Indiana, in a equior Session, did pais the following ill no. 67-02-16 (Amended General Council No. 67-02-16 (Amended General Council No. 67-02-16 (Amended He Bullday Code with respect to Commercial on Indianal Code with respect to Commercial on Indianal Code with respect to Commercial of Indianal Code with respect to Commercial Code with respect to C IT ORDAINED BY THE COMMON

PUBLISHER'S AFFIDAVIT

Personally appeared before me, a notary public in and for said county and state, the that She is Clerk of the

NEWS-SENT INEL

a DAILY newspaper of general circulation printed and published

in the English language in the city of FORT WAYNE, INDIANA in state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper for 2 time . , the dates of publication being

May 11 and May 18, 1971

a. M. Hostman

Subscribed and sworn to before me this 19thday of May 19 71

My commission expires March 8, 1974

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a. Large selection 43OFF NE n g aluminum walnut hanock set. With lets only. ME HONOR

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THE INTERBUNK CARD



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Petrolaum Gases.

99 — LP-Gases at Utility Gas Plants.
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B31.1 — Power Piping Systems
B31.2 — Industrial Gas & Air Piping
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